



*file copy*

Sheet 01 of 04

Form ~~PEN-14~~ Modified

Docket No.  
PENN-0743

Serial No.  
09/783,896

RECEIVED

List of Patents and Publications  
Cited by Applicant  
(Use several sheets if necessary)

Applicant  
Greene et al.

SEP 17 2001

U.S. Department of Commerce  
Patent and Trademark Office

Filing Date  
February 15, 2001

Group

1645-1637

TECH-CENTER 1600 2900

U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
<i>J. Tr</i>	AA	6,022,523	2-8-00	DeGrado et al.	424	1.69
" "	AB	5,334,702	8-2-94	Greene et al.	530	323
" "	AC	5,663,144	9-2-97	Greene et al.	514	14
<i>J. Tr</i>	AD	5,665,539	9-9-97	Sano et al.	435	6
" "	AE	5,919,764	7-6-99	Greene et al.	514	14
" "	AF	5,922,553	7-13-99	Eberwine et al.	435	7.92
" "	AG	5,436,134	7-25-95	Haughland et al.	435	34

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO

EXAMINER

*J. Tr*

DATE CONSIDERED

2/13/2002



Sheet 02 of 04

Form PTO-1449 Modified		Docket No. PENN-0743	Serial No. 09/783,896
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce		Applicant Greene et al.	
		Filing Date February 15, 2001	Group 1645-163
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
5	AA	Felix, A.M., "Applications of BOP reagent in solid phase synthesis", <i>Int. J. Pep. Prot. Res.</i> 1988 31:231-238	
	AB	<del>Harrison et al. United States Biochemical Pharma Ltd. (Europe), Watford, United Kingdom</del>	
	AC	Hendrickson et al., "High sensitivity multianalyte immunoassay using covalent DNA-labeled antibodies and polymerase chain reaction", <i>Nucleic Acids Research</i> 1995 23(3):522-529	
	AD	Hruby V., "Conformational Restrictions of Biologically Active Peptides via Amino Acid Side Chain Groups", <i>Life Sci.</i> 1982 31:189-199	
	AE	Joerger et al., "Analyte Detection with DNA-Labeled Antibodies and Polymerase Chain Reaction", <i>Clin. Chem.</i> 1995 41(9): 1371-1377	
	AF	Leone et al., "Molecular beacon probes combined with amplification by NASBA enable homogeneous, real-time detection of RNA", <i>Nucleic Acids Res.</i> 1998 26(9):2150-2155	
	AG	Park et al., "Rationally designed anti-HER2/neu peptide mimetic disables P185 <sup>HER2/neu</sup> tyrosine kinases in vitro and in vivo", <i>Nature Biotechnology</i> 2000 18:194-198	
	AH	<del>In Peptides, E. Giralt and D. Andreu eds, ESCOM, Leiden, The Netherlands 1991</del>	
	AI	Peterson & Greene, "Bacterial Expression and Characterization of Recombinant Biologically Active Anti-Tyrosine Kinase Receptor Antibody Forms", <i>DNA and Cell Biology</i> 1998 17(12):1031-1040	
EXAMINER		DATE CONSIDERED 2/15/2002	

RECEIVED

SEP 17 2001

TECH CENTER 1600 2900



Form PTO-1449 Modified

Docket No.  
PENN-0743Serial No.  
09/783,896List of Patents and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
Greene et al.

SEP 17 2001

U.S. Department of Commerce

Filing Date  
February 15, 2001Group  
1645, 1637

TECH CENTER 1600 2900

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

J. Tury	AJ	Ploux O., "Cyclization of peptides on a solid support", <i>Int. J. Pep. Prot. Res.</i> <b>1987</b> 29:162-169
" "	AK	Prasad et al., "Contrasting Solution Conformations of Peptides Containing $\alpha, \alpha$ -Dialkylated Residues with Linear and Cyclic Side Chains", <i>Biopolymers</i> <b>1995</b> 35:11-20
" "	AL	Qian et al., "Heterodimerization of epidermal growth factor receptor and wild-type or kinase-deficient Neu: A mechanism of interreceptor kinase activation and transphosphorylation" <i>Proc. Natl. Acad. Sci.</i> <b>1994</b> 91:1500-1504
" "	AM	Reichmann et al., "Expression of an Antibody Fv Fragment in Myeloma Cells", <i>J. Mol. Biol.</i> <b>1988</b> 203:825-828
" "	AN	Pomani et al., "Synthesis of the trypsin fragment 10-25/75-88 of mouse nerve growth", <i>Int. J. Pep. Prot. Res.</i> <b>1987</b> 29:107-117
" "	AO	Puzicka et al., "Immuno-PCR with a Commercially Available Avidin System", <i>Science</i> <b>1993</b> 260:698-699
" "	AP	Sanna et al., "Rapid induction of tumor necrosis factor $\alpha$ in the cerebrospinal fluid after intracerebroventricular injection of lipopolysaccharide revealed by a sensitive capture immuno-PCR assay" <i>Proc. Natl. Acad. Sci.</i> <b>1995</b> 92:272-275
" "	AQ	Schiller et al., "Synthesis of side-chain to side-chain cyclized peptide analogs on solid supports", <i>Int. J. Pep. Prot. Res.</i> <b>1985</b> 25:171-177
" "	AR	Sheppard et al., "Acid-labile resin linkage agents for use in solid phase peptide synthesis", <i>Int. J. Peptide Res.</i> <b>1982</b> 20:451-454

EXAMINER

J. Tury

DATE CONSIDERED

2/3/2002



Form PTO-1449 Modified  List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce	Docket No. <b>PENN-0743</b>	Serial No. <b>09/783,896</b>
	Applicant <b>Greene et al.</b>	
	Filing Date <b>February 15, 2001</b>	Group <b>1645/637</b>

RECEIVED

SEP 17 2001

TECH CENTER 1600/2900

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

J. Hy	AS	Skerra and Pluckthun, "Assembly of a Functional Immunoglobulin F <sub>v</sub> Fragment in <i>Escherichia coli</i> ", <i>Science</i> <b>1988</b> 240:1038-1041
J. Hy	AT	Suzuki et al., "Double Determinant Immuno-Polymerase Chain Reaction: A Sensitive Method for Detecting Circulating Antigens in Human Sera", <i>Jpn. J. Cancer Res.</i> <b>1995</b> 86:885-889
" "	AU	Tan et al., "Molecular Beacons: A Novel DNA Probe for Nucleic Acid and Protein Studies", <i>Chemistry Eur. J.</i> <b>2000</b> 6(7)1107-1111
" "	AV	Zhou et al., "Universal immuno-PCR for ultra-sensitive target protein detection", <i>Nucleic Acid Res.</i> <b>1993</b> 21:6038-6039
" "	AW	Deng et al., "Selection of Antibody Single-chain Variable Fragments with Improved Carbohydrate Binding by Phage Display", <i>J. Biol. Chem.</i> <b>1994</b> 269:9533-9538
" "	AX	Schwietzer et al., "Immunoassays with rolling circle DNA amplification: A versatile platform for ultrasensitive antigen detection", <i>Proc. Natl. Acad. Sci. USA</i> <b>2000</b> 97:10113-10119

EXAMINER  <i>Spencer T. King</i>	DATE CONSIDERED <b>2/13/2002</b>
--	-------------------------------------